

COUNTY OF YORK

MEMORANDUM

DATE: June 4, 2001 (BOS Mtg. 6/19/01)

TO: York County Board of Supervisors

FROM: James O. McReynolds, County Administrator

SUBJECT: Change Order for Dare Area Sanitary Sewer and Water Project – Engineering Services

The attached resolution provides for the approval of County purchases by the Board of Supervisors in accordance with its policy for modifications that cumulatively exceed 10 percent of the original contract amount. The Board's approval is requested for procurement of the following:

Dare Area Sanitary Sewer and Water Project (Engineering Services) - The engineering consulting firm AES Consulting Engineers was hired by the County to design the sanitary sewer system for the Dare Service Area as shown on Exhibits A, B, C, and D. The negotiated fee for their design services was \$326,000. Upon commencing fieldwork, it was determined that property boundary markers and other utilities servicing the area were not located where they were reported to have been. Subsequently, change orders totaling \$249,365 for additional field surveying, phasing of the project, re-design of certain sections based on utility conflicts, easement plat preparations, and the design of the public water system have been approved by the Board of Supervisors.

During the course of the Dare project, AES has or will provide additional services above and beyond the original scope of work. Staff has negotiated a fee of \$22,000 for these additional services as shown below:

- Re-design of certain vacuum lines to facilitate easement acquisitions (\$10,000)
- Construction Administration for Phase II (\$4,200)
- Construction Administration for Phase III (\$3,900)
- Construction Administration for Phase IV (\$3,900)

As is indicated above the costs for project engineering services are expected to total \$597,365 (\$326,000 + \$249,365 + \$22,000).

The construction costs, for the each phase of the Dare project, are as follows:

- Phase I \$3,038,000
- Vacuum Station \$ 800,000
- Phase II \$1,875,685
- Phase III \$1,936,859 (Presently Under Construction)
- Phase IV \$ 750,000 (Estimate)

Ultimately, the total cost for the construction of the Dare Area water and sewer will be approximately \$8.4 million resulting in engineering fees of approximately 7 percent (\$597,365 / \$8,400,000), which is reasonable for a project of this size and nature.

This procurement has been conducted in accordance with State procurement laws and/or County procurement policy, and I recommend that it be approved through adoption of proposed Resolution R01-102.

Woodward/3241:mw

Attachments

- Exhibits A, B, C and D
- Proposed Resolution R01-102